Model (1)

Science

1-The mass of body on Earth's surface is 20 Kg so, its mass on Moon surface is ---------

A-2 Kg   B- 10Kg   C-20Kg   D-200Kg

2- The -------- controls involuntary movement

A-Cerebellum   B-Two cerebral hemisphere   C-Spinal cord   D-Medulla oblongata

3-The ....gas is mixed with   acetylene gas and the produced flame is used to cut and welding metals

A-Oxygen   B-Nitrogen   C-Hydrogen   D-Neon

4-Mercury still liquid between --------------- ^{0}c and to --------- ^{0}c

A-Zero: 100   B- 39: -357   C- -39: 357   D- 35:42

Maths

1. If the length on the map is 2 cm and the real length is 6 km., then the drawing scale = ...
    a) 1:3   b) 1:3000   c) 1:30000   d) 1:300000

2. The parallelogram whose two diagonals are perpendicular and equal in length is called ...
    a) rhombus   b) rectangle   c) trapezium   d) square

3. The range of the set of values 12, 9, 7, 2 is ....
    a) 7   b) 8   c) 9   d) 10

4. 1 − 24 % = ... %
    a) 24   b) 56   c) 76   d) 80

5. If $\frac{6}{x} = \frac{2}{3}$, then $x + 2$ = ...
    a) 11   b) 12   c) 18   d) 20

6. If the volume of a cube is 8 cm^3, then the edge length = ... cm
    a) 2   b) 3   c) 8   d) 64

7. The ratio between the circumference of the circle and its radius = ...
    a) $2\pi: 1$ b) π^2:1   c) 1:4   d) 1:3

Model (2)

Science

1- The handles of cooking pots are made of -----------

    A- Aluminum   B- Copper   C- Iron   D- Wood

2- The catalyst of preparation of oxygen in the lab is -------

    A- Manganese dioxide   B- Carbon dioxide   C- Calcium oxide   D- Calcium hydroxide

3- The weight of a body measures by ----------------

    A- Sensitive balance   B- Balance scale   C- Spring scale   D- One arm scale with a pointer

4- The number of spinal nerves are ---------- nerves

    A- 12   B- 24   C- 31   D- 62

Maths

1. 6 hours : $\frac{1}{3}$ day = ...

    a) 2:1   b) 3:2   c) 2:3   d) 3:4

2. .... is a parallelogram with right angles.

    a) rectangle   b) rhombus   c) triangle   d) quadrilateral

3. 2.65 litre = ... cm^3

    a) 26.5   b) 265   c) 2650   d) 26500

4. A student studies 28 hours per a week, then the rate of what he studies in one day = ...hours/day

    a) 3   b) 4   c) 7   d) 9

5. A cube its edge of length 5 cm , its volume = ...cm^3

    a) 5   b) 100   c) 125   d) 25

6. 10% of 600 km = ... km

    a) 40   b) 50   c) 60   d) 70

7. All the following data is descriptive except ....

    a) colour   b) age   c) place of birth   d) name

Model (3)

Science

1-If a body weights 60 Newton on Earth's surface so its weight on moon surface is --------

A-100 Newton   B-60 Newton   C-10Newton   D-6 Newton

2- The shoulder joint is from ------------- joints

A-Immovable   B-Widely   C-Limited   D-All

3-The maximum degree of Celsius thermometer represents the degree of ....

A-Freezing point of water   B-melting point of ice   C-Freezing of mercury   D-Boiling point of water

4- ---------- gas consumed in respiration and burning

A-Hydrogen   B-Oxygen   C-Nitrogen   D-Carbon dioxide

Maths

1) If the length in the drawing is 5 cm and the real length is 15 m, then the drawing scale is ...

   a) 1:3   b) 1:30   c) 1:300   d) 1:3000

2) A car covers the distance 360 km in 4 hours, then the speed of the car = ... km/hour.

   a) 80   b) 90   c) 100   d) 120

3) All the following data is quantitive except ....

   a) age   b) length   c) weight   d) name

4) $1 - (30\% + 45\%)$ = ...

   a) $\frac{1}{2}$ b) 1   c) $\frac{1}{4}$ d) $\frac{3}{4}$

5) 3 km: 600 m = ...

   a) 1:4   b) 1:2   c) 1:5   d) 5:1

6) The volume of a cuboid whose dimensions are 10 cm, 30 cm, 40 cm = ...litres.

   a) 12   b) 120   c) 1200   d) 12000

7) The quadrilateral ABCD in which AB=BC=CD=DA, and the diagonals are equal is called .....

   a) square   b) parallelogram   c) rectangle   d) rhombus